

The results for Georgia may be inaccurate due to database errors. Many of their trunk groups were converted from finals to high-usage for the Olympics. Due to the massive changes, the records may not properly reflected that change and thus is shown as a final even though it's high-usage overflowing to another final.

- c. CTTG (Common Transport Trunk Group) - This category contains the service performance results of final trunks between the BST end office and BST tandem. As previously mentioned, these trunk groups primarily handle interLATA and intraLATA toll traffic, and began carrying local traffic between the access tandem and BST end offices with the advent of CLEC interconnection.

Each month, two reports showing the CTTG trunk service performance results are sent to all interested parties. This report has been distributed since the mid 1980s. Then, as now, most of the recipients are IXCs since these trunk groups are used predominantly to transport calls between them and end offices homing on the access tandems. Interested CLEC can receive a copy of these two reports which shows the following:

- i. One-page Statistical Summary for BST and for Non-Bell Entities. This report contains the following:

- Total number of CTTGs
  - Total number of CTTGs with measurements and processed mechanically
  - Percent of CTTGs with data
  - Total number of CTTGs with blocking exceeding the MBT

- ii. A floppy disk datafile containing all of the CTTGs. The file is formatted in accordance with industry standard interface requirements as specified in Bellcore Special Report SR STS-000317. Listed below are some of the information for each CTTG that are contained in the datafile:

- Name of the Trunk Group
  - Trunks In-Service
  - Percent Blocking
  - Busy Hour
  - Number of Days of Data Used to Calculate the Blocking
  - DBO (Design Blocking Objective) & MBT (Measured Blocking Threshold)

**Number of Consecutive Reports the CTTG Was Reported with  
Blocking**  
**Date of the Data Period**  
**Remarks Explaining the Blocking**

A summary of the CTTG monthly trunk service performance results is sent to the FCC annually. This was sent quarterly until it was changed recently to an annual reporting. The data to the FCC is contained in Lines 180-190 of the FCC Report 43-05 ARMIS Service Quality Table 3. (See Attachment 1 which shows results for calendar year 1996.)

Several years ago, the industry established an objective of 2% or less, to be met on a company-wide basis by the Local Exchange Carriers. No objective for individual state subdivision was established due to the smaller universe. Over the years, BST has far-exceeded the industry objective of 2.0%. In addition, BST is the only LEC (Local Exchange Carrier) to our knowledge that reports CTTG trunk service performance regardless of the cause(s). BST includes results, such as abnormal weather, even though they are beyond the control of BST.

#### **4. Considerations in Analysis of Trunk Service Performance**

Listed below are considerations to keep in mind when comparing or analyzing trunk service performance:

- a. In most locations, traffic from a BST end office to the CLEC end office, or from the CLEC end office to a BST end office will go on a direct trunk group if there is one, or switch through the access tandem. If the call is switched through the access tandem, it would traverse the CTTG between the access tandem and end office. Thus, service performance results from the "CLEC Trunk Group Service Report Summary" and "BST CTTG Results Reported to FCC" will provide a good assessment on the quality of the service provided on trunk groups carrying traffic to CLECs. This could then be compared to the service performance results for "Local Network Trunk Group Service Report Summary" which provides a good assessment on the quality of service provided on trunk groups carrying local service traffic for BST retail customers.
- b. On trunk groups ordered by BST from the CLEC, there is the possibility of trunk blocking if the CLEC sold services to an Internet Service Provider or a very large customer, and not plan or tell BST in advance about the increase in traffic load. BST's position is that we do not want abnormal blocking for

traffic from our end users to the CLECs since the end users will perceive that BST is the one providing poor service, and thus possibly migrate to a CLEC at a later date. When a BST end user dials a local call, they do not know if the distant end is a BST, or CLEC, or non-Bell LEC end office. All they want is for BST to complete their calls without any undue blocking. If not, they would perceive BST and not the CLEC or non-Bell carrier as providing inadequate service. Anytime, there is a trunk blockage, it becomes a critical matter for BST to alleviate. The same attention, if not more, is made for trunk groups carrying traffic to a CLEC switch as for other trunk groups in the BST network.

- c. When comparing data for traffic switching through a tandem, one cannot simply add the trunk blocking for one trunk group to the trunk blocking for another group unless the two trunk groups had the busy hour in the same time period. For example, one trunk group on one side of the tandem had a busy hour of 10 a.m. during the month. It had blocking of 2.5%. The trunk group on the other side of the tandem had a 10 p.m. busy hour during the same time period. It had 1.5% blocking. For a call traversing those two trunk groups, the blocking is not 4.0% ( $2.5\% + 1.5\%$ ). It less than that, and possibly none at all if the call is placed during one of the other hours. When adding up blocking, one has to look at the busy hours to see if they are coincidental.

BellSouth Telecommunications, Inc.  
Exhibit WNS-10  
Attachment 1  
Page 1 of 2

FCC Report 43-05  
ARMIS SERVICE QUALITY REPORT

COMPANY: BellSouth Telecommunications  
STUDY AREA: Region  
PERIOD: From Jan 1996 to Dec 1996  
COSA: BSTR

Approved by OMB  
3060-0395  
Expires 02/28/00  
**UNRESTRICTED VERSION**  
**SUBMISSION 1**  
**TABLE III**

**TABLE III - COMMON TRUCK BLOCKAGE**

<u>Row</u>	<u>Classification</u>	<u>Column</u>
		<u>Annual</u>
		(ak)
0180	Total Trunk Groups	3,706
0181	Groups Measured	3,694
0185	FGD Groups Exceeding Threshold 3 Mos.	2
0186	Other Groups Exceeding Threshold 3 Mos.	0
0187	FGD Groups Exceeding Threshold 1 Mo.	345
0188	Other Groups Exceeding Threshold 1 Mo.	0
0189	FGD Groups Exceeding DBO 3 Mos.	48
0190	Other Groups Exceeding DBO 3 Mos.	0

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 06/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	1	6	1	1	1	4	4	11	5	34
TRK GRPS MEAS/PROC:	0	3	1	0	1	3	3	11	4	26
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	0	0	1	0	2
PCT1	.0	33.3	.0	.0	.0	.0	.0	9.1	.0	7.7

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	19	37	7	7	4	37	32	2	42	37	224
TRK GRPS MEAS/PROC:	0	29	7	0	4	33	15	0	34	29	151
TOT GRPS > 3% NC THIS REPORT:	0	0	0	0	0	1	0	0	0	0	1
PCT1	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.7

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	20	43	8	8	5	41	36	2	53	42	258
TRK GRPS MEAS/PROC:	0	32	8	0	5	36	18	0	45	33	177
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	0	0	1	0	3
PCT1	.0	3.1	.0	.0	.0	2.8	.0	.0	2.2	.0	1.7

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 07/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	1	7	1	1	1	4	11	1	11	4	42
TRK GRPS MEAS/PROC:	0	4	1	1	1	4	10	0	11	4	36
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	1	0	1	2	6
PCT1	.0	25.0	.0	.0	.0	25.0	10.0	.0	9.1	50.0	16.7

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	20	37	13	7	4	39	32	2	43	35	232
TRK GRPS MEAS/PROC:	0	29	9	0	4	38	15	0	34	35	164
TOT GRPS > 3% NC THIS REPORT:	0	0	0	0	0	0	0	0	0	1	1
PCT1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.6

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	21	44	14	8	5	43	43	3	54	39	274
TRK GRPS MEAS/PROC:	0	33	10	1	5	42	25	0	45	39	200
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	1	0	1	3	7
PCT1	.0	3.0	.0	.0	.0	2.4	4.0	.0	2.2	7.7	3.5

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 08/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	1	7	1	1	1	6	11	1	11	4	42
TRK GRPS MEAS/PROC:	1	4	1	1	1	4	10	1	11	4	38
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	0	0	2	0	4
PCT1	.0	25.0	.0	.0	.0	25.0	.0	.0	18.2	.0	10.5

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	22	37	13	7	4	49	32	7	43	36	250
TRK GRPS MEAS/PROC:	19	30	13	6	4	39	15	7	38	35	206
TOT GRPS > 3% NC THIS REPORT:	0	0	0	0	0	0	0	0	0	2	2
PCT1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	1.0

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	23	44	14	8	5	53	43	8	54	40	292
TRK GRPS MEAS/PROC:	20	34	14	7	5	43	25	8	49	39	244
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	0	0	2	2	6
PCT1	.0	2.9	.0	.0	.0	2.3	.0	.0	4.1	5.1	2.5

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 09/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
<b>TOTAL TRUNK GROUPS:</b>	1	7	6	1	1	5	11	4	10	5	51
<b>TRK GRPS MEAS/PROC:</b>	1	7	3	1	1	4	11	4	10	5	47
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	0	1	0	0	0	0	0	0	3	1	5
<b>PCT1</b>	.0	14.3	.0	.0	.0	.0	.0	.0	30.0	20.0	10.6

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
<b>TOTAL TRUNK GROUPS:</b>	51	37	13	7	4	47	32	9	44	39	283
<b>TRK GRPS MEAS/PROC:</b>	48	34	13	7	4	46	30	7	44	39	272
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	0	0	0	0	0	0	0	0	0	1	1
<b>PCT1</b>	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	.4

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
<b>TOTAL TRUNK GROUPS:</b>	52	44	19	8	5	52	43	13	54	44	334
<b>TRK GRPS MEAS/PROC:</b>	49	41	16	8	5	50	41	11	54	44	319
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	0	1	0	0	0	0	0	0	3	2	6
<b>PCT1</b>	.0	2.4	.0	.0	.0	.0	.0	.0	5.6	4.5	1.9

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 10/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	10	6	6	1	1	5	11	4	7	5	56
TRK GRPS MEAS/PROC:	10	6	5	1	1	5	11	4	7	5	55
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	0	0	0	0	0	1
PCT1	.0	16.7	.0	.0	.0	.0	.0	.0	.0	.0	1.8

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	45	43	20	12	4	52	32	11	44	40	303
TRK GRPS MEAS/PROC:	40	34	13	7	4	50	31	11	44	40	274
TOT GRPS > 3% NC THIS REPORT:	1	0	1	0	0	0	0	0	1	2	5
PCT1	2.5	.0	7.7	.0	.0	.0	.0	.0	2.3	5.0	1.8

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	55	49	26	13	5	57	43	15	51	45	359
TRK GRPS MEAS/PROC:	50	40	18	8	5	55	42	15	51	45	329
TOT GRPS > 3% NC THIS REPORT:	1	1	1	0	0	0	0	0	1	2	6
PCT1	2.0	2.5	5.6	.0	.0	.0	.0	.0	2.0	4.4	1.8

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 11/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TW	TOTAL
TOTAL TRUNK GROUPS:	11	8	7	3	1	5	12	4	13	8	72
TRK GRPS MEAS/PROC:	11	8	7	3	1	5	12	4	13	8	72
TOT GRPS > 3% NC THIS REPORT:	0	1	0	0	0	1	1	0	1	0	4
PCT1	.0	12.5	.0	.0	.0	20.0	8.3	.0	7.7	.0	5.6

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TW	TOTAL
TOTAL TRUNK GROUPS:	45	44	21	21	4	52	34	11	43	52	327
TRK GRPS MEAS/PROC:	44	37	20	19	4	49	33	11	42	50	309
TOT GRPS > 3% NC THIS REPORT:	3	1	1	0	0	2	2	0	4	1	16
PCT1	6.8	2.7	5.0	.0	.0	4.1	6.1	.0	9.5	2.0	4.5

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TW	TOTAL
TOTAL TRUNK GROUPS:	56	52	28	24	5	57	46	15	56	60	399
TRK GRPS MEAS/PROC:	55	45	27	22	5	54	45	15	55	58	381
TOT GRPS > 3% NC THIS REPORT:	3	2	1	0	0	3	3	0	5	1	18
PCT1	5.5	4.4	3.7	.0	.0	5.6	6.7	.0	9.1	1.7	4.7

CLEC TRUNK GROUP SERVICE REPORT SUMMARY  
 MONTH: 12/97

BST ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	11	12	7	4	1	6	14	4	13	9	81
TRK GRPS MEAS/PROC:	11	10	7	4	1	6	14	4	13	9	79
TOT GRPS > 3% NC THIS REPORT:	0	0	0	0	0	0	0	0	0	0	0
PCT1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CLEC ORDERED

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	45	63	22	24	4	61	35	11	43	56	364
TRK GRPS MEAS/PROC:	45	55	21	22	4	53	34	11	43	56	364
TOT GRPS > 3% NC THIS REPORT:	0	3	0	0	0	0	0	0	1	0	4
PCT1	.0	5.5	.0	.0	.0	.0	.0	.0	2.3	.0	1.2

TOTAL

	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
TOTAL TRUNK GROUPS:	56	75	29	28	5	67	49	15	56	65	445
TRK GRPS MEAS/PROC:	56	65	28	26	5	59	48	15	56	65	423
TOT GRPS > 3% NC THIS REPORT:	0	3	0	0	0	0	0	0	1	0	4
PCT1	.0	4.6	.0	.0	.0	.0	.0	.0	1.8	.0	.9

Trunk Group #1:

8/18/97 Data

Trunks In-Service	432
Measured Blocking	14.6%
Busy Hour	10pm - 11pm

Additional Comments: The trunk group was increased from 312 trunks to 432 (+38%) on 8/8/97. An additional 240 (+56%) trunks was scheduled for completion on 8/28/97, but, was delayed due to CLEC problems.

Past Data:

<u>Date</u>	<u>Trks In-Svc</u>	<u>Trks Rqd</u>	<u>Blocking</u>	<u>Busy Hour</u>
06-09-97	312	396	6.6%	10-11pm
06-16-97	312	531	18.3%	10-11pm
06-23-97	312	601	26.3%	10-11pm
06-30-97	312	626	28.9%	10-11pm
07-07-97	312	646	30.7%	10-11pm
07-14-97	312	582	25.6%	10-11pm
07-21-97	312	649	27.9%	10-11pm
07-28-97	312	682	32.1%	10-11pm
08-04-97	312	751	36.9%	10-11pm
08-11-97	432	791	24.2%	10-11pm

Trunk Group #2:

8/18/97

Trunks In-Service	264
Measured Blocking	8.6%
Busy Hour	10pm - 11pm

**Additional Comments:** The trunk group was increased from 144 to 264 (+83%) trunks on 8/13/97. In addition, 240 (+167%) direct end office trunks were added to provide further relief for this trunk group.

Past Data:

<u>Date</u>	<u>Trks In-Svc</u>	<u>Trks Rgd</u>	<u>Blocking</u>	<u>Busy Hr</u>
06-09-97	72	13	0.0%	4-5pm
06-16-97	72	32	0.0%	3-4pm
06-23-97	72	39	0.0%	3-4pm
06-30-97	72	47	0.0%	3-4pm
07-07-97	72	53	0.0%	10-11pm
07-14-97	72	61	0.0%	10-11pm
07-21-97	72	71	1.0%	10-11am
07-28-97	144	90	0.0%	10-11pm
08-04-97	144	188	4.6%	10-11pm
08-11-97	144	249	9.0%	10-11pm

The above data shows traffic increasing by 20 folds in two months. The group had a utilization rate of approximately 20%, which is very low. Right before it went to 100% utilization, a 100% increase in the trunk group size was made. This was still not enough to handle the traffic increase in the last three weeks.

### DETAILS ON TRUNKS ORDERED BY BST FROM CLECs

Trunk Group #3:

8/18/97

Trunks In-Service	288
Measured Blocking	9.5%
Busy Hour	9pm - 10pm

Additional Comments: The trunk group was increased from 288 to 528 (+83%) on 8/24/97.

Past Data:

<u>Date</u>	<u>Trks In-Svc</u>	<u>Trks Rgd</u>	<u>Blocking</u>	<u>Busy Hr</u>
05-05-97	288		0.7%	4-5pm
05-12-97	288		0.6%	4-5pm
05-19-97	288	228	0.0%	4-5pm
05-26-97	288	224	0.0%	4-5pm
06-02-97	288	225	0.0%	4-5pm
07-14-97	288		0.7%	9-10pm
07-21-97	288	335	2.1%	9-10pm
07-28-97	288	348	4.5%	9-10pm
08-04-97	288	364	6.0%	9-10pm
08-11-97	288	348	7.3%	9-10pm

This trunk group had an approximate utilization rate of 80%. Then, starting in 7/21/97, the traffic load increased by approximately 50% from the previous week.

Trunk Group #4:

8/18/97

Trunks In-Service	648
Measured Blocking	7.2%
Busy Hour	9pm - 10pm

Additional Comments: The trunk group was increased from 552 to 648 (+24%) on 8/18/97.

Past Data:

<u>Date</u>	<u>Trks In-Svc</u>	<u>Trks Rqd</u>	<u>Blocking</u>	<u>Busy Hr</u>
05-12-97	384	198	0.0%	9-10pm
05-19-97	384	211	0.0%	9-10pm
05-26-97	384	224	0.0%	9-10pm
06-02-97	384	242	0.0%	10-11pm
06-09-97	384	251	0.0%	10-11pm
07-14-97	384	537	15.6%	10-11pm
07-21-97	384	642	22.5%	10-11pm
07-28-97	480	983	33.7%	9-10pm
08-04-97	552	894	20.6%	9-10pm
08-11-97	552	888	20.1%	9-10pm

The above data shows traffic increasing by over 4 times in three months. In early May, the group had utilization rate of approximately 50%. A month later (6/9/97), the utilization rate was 65%. Then, one month later, the traffic load increased by approximatley 100%, which sent the utilization rate went up to 140%. In the one week period from 7/21/97 to 7/28/97, the required trunks to handle the traffic went up 50%, from 642 to 983. Even with a 43% increase in the trunk group size, the trunk group is still experiencing blocking.

BST CTTG RESULTS TO BE REPORTED TO FCC FOR THE MONTHS OF 1987





## BELLSOUTH CTTG BLOCKING REPORT - DETAILS

FOR 08/97

GROUPS EXCEEDING MBT

PROCESS DATE: 09/11/97

TGSN	TANDEM	END OFFICE	DESCRIPT	STUDY PERIOD	OBSEV'D BLKG	VAL		NBR RPTS	REMARKS
						HR	TKS		
AF078038	HNVIALUNOGT	CLMNAALMAOSO	77 AF DT	081897	.0383*	20	624	20	1 D111 33 TK5 MTU 072297.
AC164133	WDAOFLLGG04T	PMBHFLFECGO	MM AF DT	081897	.0306*	17	48	19	1 D111 TRUNKS MADE BUSY
AC163994	WPBHFLGR02T	WPBHFLLESBE	MM AF DT	081897	.0346*	16	24	19	1 D111 TRUNKS MADE BUSY
AC174786	ATLNGABLU01T	ATLNGAC865C	77 AF DT	081897	.0788*	15	480	18	1 BOL1 TRKS PROV SUBTND GRPS
AC116862	ATLNGABLU02T	ALPRGMAMA47C	N- AF ET	081897	.0279*	11	39	20	1 D1C1 CABLE FAILURE
AC175592	ATLNGABLU01Y	ATLNGAC1C29A	7- AF DD	081897	.1111*	21	168	19	2 ADA1 48TRKS PEND ON 082097
AC110293	CLMBGANT01T	CLMBGANT32C	7- AF DD	081897	.0785*	16	312	20	2 ADA2 COMPLEX TRK ADD REQD
AF075715	BTRGLAGW0GT	BTRGLA15CG0	7- AF TC	081897	.0232*	20	168	20	1 D121 OTHER
AF074126	LFYTLAMAOGT	LFYTLAVMCGO	7- AF DD	081897	.0241*	20	504	20	1 BOA1 48 TRKS.COMP.ON 8/27/97
AF121038	JCSNMSCP06T	JCSNMSSBLSO	77 AF DT	081897	.0299*	20	360	19	1 ADA1 48 TRUNKS PENDING ON 090897
AC134518	RLGHNCCH001T	RLGHNCSTB6G	77 AF MD	081897	.1244*	21	537	18	1 D111 IC MAINTENANCE PROBLEM
AC174458	CHRLNCB005T	BOONNCK126F	77 AF MD	081897	.0331*	21	359	17	1 BOA1 24/72 TRK COMPLETED ON 082797/
AC115040	GNVLSCDT60Y	SPBGSCUV57E	M- OF ET	081897	.0426*	15	24	19	1 D1C2 CRX FAILURE
AC124703	GNVLSCDT60T	SPBGSCUV57E	MM AF DT	081897	.0257*	15	24	19	1 D1C2 CRX FAILURE
AF071741	MMPHTNMA84T	MMPHTNMACGO	7- AF DD	081897	.0683*	14	120	17	1 BOA1 +120 8/7/97
AF130619	MMPHTNMA84T	MMPHTNBADSO	77 AF DT	081897	.0210*	21	936	19	1 BOA1 +48 8/22/97

\* EXCEEDS THRESHOLD OF 2%

## BELLSOUTH CTTG BLOCKING REPORT - DETAILS

FOR 09/97

GROUPS EXCEEDING MBT

PROCESS DATE: 10/13/97

TGSN	TANDEM	END OFFICE	DESCRIPT	STUDY PERIOD	QBSV0 BLKG	HR	TKS	VAL NBR		REMARKS
								VAL DAYS	NBR RPTS	
AF131363	GDSDALNT01T	FTPYALMADSO	MM DF DT	091597	.1291*	09	24	19	1	D111 24 TKS MTU 082597
AF139430	BRHMALHMDGT	TSCLALN0DS0	MM DF DT	091597	.0333*	15	48	20	1	D111 48 TKS MTU 090297
AF131705	BRHMALMTOGT	BRHMALCP0SE	MM DF DT	091597	.0366*	02	24	16	1	D111 36 TKS MTU 082697
AF097031	BRHMALMTOGT	PRSHALNMDSO	M- DF ET	091597	.0533*	10	10	20	1	D111 12 TKS MTU 090897
AC134813	JCVLFLCLOST	ORPKFLMA26E	77 AF DT	091597	.0746*	21	240	20	1	A0A1 72 TRUNK ADDITION ON 9-3-97.
AC146631	ORLDFLMA04T	ORLDFLSDAS0	77 AF DT	091597	.0245*	16	696	19	1	A0A1 24 TK ADD 8-27/98 TK ADD 9-15-
AC170663	NDADFLGG04T	PMBHFLCSDSO	77 AF DT	091597	.0222*	21	216	19	1	D1K1 ABNORMAL LOAD
AC163994	WPBHFLGR02T	WPBHFLLE58E	MM AF DT	091597	.0204*	07	24	19	2	D111 TRUNKS MADE BUSY
AC166019	NDADFLGG01T	MIAMFLICB6E	MM AF DT	091597	.0223*	04	24	17	1	D1C2 CARRIER FAILURE
AC127621	NDADFLGG01T	MIAMFLFLD80	77 AF DT	091597	.0235*	10	192	19	1	D121 OTHER UNRELIABLE DATA
AC166103	NDADFLGG01T	MIAMFLCADSO	77 AF DT	091597	.0287*	21	240	19	1	B0A1 96 TRUNKS COMPLETED 9/16/97
AC116980	ATLNGABU02T	MRTTGAEA97F	M- AF ET	091597	.0203*	10	63	20	1	D111 MAINTENANCE PROBLEM
AC116914	ATLNGABU02T	ATLNGAGR24F	M- AF ET	091597	.0329*	10	22	20	1	D1C4 EQUIPMENT PROBLEM
AC176786	ATLNGABU01T	ATLNGAPP0S2	77 AF DT	091597	.0210*	13	96	19	1	A0A1 24 TRKS PEND 101797
AC110293	CLMBGAMT01T	CLMBGAMT32C	7- AF DD	091597	.0790*	16	312	20	3	A0A2 COMPL TRK ADD REQD
AC117473	ALBYGAMA03T	SYLVGAEST7A	M- DF ET	091597	.0277*	14	34	18	1	C0A1 UNDER INVESTIGATION
AF107760	UNCKKYM02T	RCMDKYMADSO	77 AF DT	090897	.1521*	21	353	13	1	A0J1 1C SUBTENDING TRK GRP NEEDS AU
AF099579	LFYTLAMADGT	LFYTLAMACG1	77 AF DT	091597	.0226*	15	1176	18	1	A0A1 +96 TRUNKS PENDING 9/25/97
AF123426	MONRLAMA06T	RSTNLAMADSO	77 AF DT	091597	.0519*	21	720	20	1	B0A1 +96 TRUNKS COMPLETED 9/29/97
AF123425	MONRLAMA06T	MONRLADSO0	77 AF DT	091597	.0293*	20	816	20	1	A0A1 +48 TRUNKS PENDING 10/7/97
AF123716	MONRLAMA06T	BSTRLLAMADSO	M- DF DD	091597	.0285*	07	24	20	1	D111 MAINTENANCE- CLEARED
AF121038	JCSNMSCP06T	JCSNMSSBLSO	77 AF DT	091597	.0826*	20	360	20	2	B0A1 48 TRUNKS COMPLETED ON 091897
AC174457	CHRLNCCB005T	BOONNCK126F	MM AF MD	091597	.0739*	21	24	20	1	D111 MAINTENANCE PROBLEM
AC167980	CHTNSCDT60T	MNPLSCES00F	77 AF DT	091597	.0487*	21	360	20	1	B0A1 24 TRKS COMP. 9/3/97.
AC169237	GNVLSCDT60T	GRERSCHAB7F	77 AF MD	091597	.0208*	21	528	20	1	B0A1 24 TRKS COMP. 9/8/97
AF146438	KNVLTNWHR93T	MDVITNMTDS0	77 AF DT	090897	.0243*	20	288	15	1	D111 24/288 BOT 9/11/97
AF124140	KNVLTNMA04T	MDVITNMTDS0	M- DF ET	091597	.0293*	21	24	20	1	D111 8/24 BOT 9/11/97

\* EXCEEDS THRESHOLD OF 2%

BELLSOUTH CTTG BLOCKING REPORT - DETAILS  
 FOR 10/97  
 GROUPS EXCEEDING MBT  
 PROCESS DATE: 11/13/97

TGSN	TANDEM	END OFFICE	DESCRIPT	STUDY PERIOD	QBSVSD	BLKG	HR	TKS	VAL DAYS	NBR RPTS	REMARKS
AC164019	NDADFLGG01T	MIAMFLICB6E	MM AF DT	102097	.0229*	10	24		19	2	D1C2 CARRIER FAILURE
AC164679	NDADFLGG01T	MIAMFLAP090	MM AF DT	102097	.0251*	21	24		19	1	D1C2 CARRIER FAILURE
AC176786	ATLNGACBU01T	ATLNGACCS65C	77 AF DT	102097	.1356*	21	768		19	1	BOA1 72 TRKS COMPD 110697
AC185478	ATLNGACBU01T	ATLNGACSDS3	77 AF DT	102097	.0386*	11	84		20	1	BOA1 48 TRKS PEND 111797
AC110293	CLMIGAMT01Y	CLMIGAMT32C	7- AF DD	102097	.0380*	16	432		17	4	BOA1 TRKS COMPD 101697
AC148066	ALBYGAMA03T	CLLLGAMA33E	77 DF DT	102097	.0328*	20	239		17	1	BOA1 TRKS PEND 111497
AF129254	BTRGLAGW0GT	BTRGLAGW0SO	77 DF DT	102097	.1335*	15	104		20	1	ADA1 +24 TKS.PENDING 10/17
AF123724	MONRLAMAD6T	UNBOLAMADSO	M- DF DD	102097	.0203*	11	24		20	1	D111 MAINTENANCE - CLEARED
AF121038	JCSNMSCP06T	JCSNMSP06SO	77 AF DT	102097	.0517*	20	408		20	3	BOA1 192 TRUNKS COMPLETED ON 110597
AC157164	GNVL5CDT60T	SPBGSCMA57E	MM AF DT	102097	.0219*	10	24		19	1	D111 MTCE PBLM
AC169267	GNVL5CDT60T	GRERSCMA87F	MM AF DT	102097	.0299*	21	24		18	1	D111 MTCE PBLM.
AF142326	NSVLTNMM92T	LWBGTNMMADSO	77 AF DT	102097	.0275*	19	192		19	1	D1C4 EQPT PROBLEM 10/17-ISOL FROM C
AF123099	MMPTHNMAB4T	JCSNTNNS050	M- DF ET	102097	.0403*	11	48		20	1	D111 21/48 BOT 10/2/97
AF124575	MMPTHNMAB4T	CMONTNMMADSO	M- DF ET	102097	.0219*	11	4		20	1	D1C1 10/16 CUT CABLE
AF109490	KNVLTNMMAB4T	ATHNTNMMADSO	M- DF ET	102097	.0338*	10	24		20	1	D121 10/21-CONTRACTOR ERROR
AF115463	KNVLTNMMAB4T	SRVLTNMMADSO	77 AF DT	102097	.0270*	19	72		20	1	D111 40/72 BOT 9/31/97
AF117320	CHTGTNNS84T	ATHNTNMMADSO	M- DF ET	102097	.0352*	09	17		20	1	D121 10/21-CONTRACTOR ERROR

\* EXCEEDS THRESHOLD OF 2%

BELLSOUTH CTTG BLOCKING REPORT - DETAILS  
FOR 11/97  
GROUPS EXCEEDING MBT  
PROCESS DATE: 12/11/97

TGSN	TANDEM	END OFFICE	DESCRIPT	STUDY PERIOD	OBSV'D	VAL	NBR	REMARKS
					BLKG	HR	TKS	DAYS RPTS
AF114020	MTGMALMTOGT	MTGMALDADSO	M- DF ET	111797	.0221*	18	24	19
AC119236	PNSCFLWA01T	GLBRFLMCDSO	M- DF ET	111797	.0433*	14	17	19
AC172580	ORLOFLMA04T	ORLDFLMA081	77 AF DT	111797	.0381*	12	192	19
AC164995	DYBHFLP001T	DYBWFLOBDSO	MM AF DT	111797	.0238*	06	24	19
AC168012	JCVLFLSM01T	PNVDFLMA0SO	77 AF DT	111797	.0273*	20	312	19
AC145789	NDABFLGG04T	FTLDFLPLCGO	77 AF DT	111097	.0142*	11	504	14
AC175750	WPBHFLGR02T	BCRTFLMA081	77 AF DT	111797	.0447*	10	120	19
AC175089	WPBHFLGR02T	BYBNFLMA0SO	M- DF ET	111797	.0862*	11	2	5
AC127457	AGSTGAM03T	NAGSSCMA27E	M- AF ET	111797	.0356*	20	22	19
AC173880	ALBYGAM03T	ALBYGAMABC	MM AF DT	111797	.0319*	16	24	19
AC175588	ATLNGABU01T	MRTTGAEA97F	77 AF DT	111797	.0339*	21	430	20
AC175595	ATLNGABU01T	LLBNGAMA92F	77 AF DT	111797	.0385*	10	576	19
AC176081	ATLNGABU01T	VLRGAES45A	77 AF DT	111797	.0230*	11	134	20
AC184470	ATLNGABU01T	SMYRGAMAD51	77 AF DT	111797	.0331*	13	60	20
AC185758	ATLNGABU01T	ATLNGALADS1	77 AF DT	111797	.0563*	10	186	20
AF136984	NWORLAMA0GT	CVTNLAMADSO	77 DF DT	111797	.0228*	11	48	19
AF129254	BTRGLAGM0GT	BTRGLAGMDSO	77 DF DT	111797	.2225*	12	106	12
AF074126	LFYTLAMA0GT	LFYTLAVMCGO	7- AF DD	111797	.0788*	19	552	20
AF169163	LFYTLAMA0GT	LEVLLAMADSO	77 DF DT	111797	.0299*	08	24	16
AF102203	SHPTLAMA0GT	MANYLAMADSO	M- DF ET	111797	.0604*	11	27	19
AF122616	SHPTLAMA0GT	MANYLAMADSO	M- DF DD	111797	.0318*	11	20	19
AF121107	TUPLNSMAD07T	HSTHNSMADSO	77 AF DT	111797	.0339*	20	168	19
AF125441	CNMDMSMAD26T	PTCMMSBDSO	M- DF ET	111797	.0256*	11	4	19
AF125383	JCSNMSCP36T	SHBTNSMADSO	M- DF ET	111797	.0270*	14	4	20
AF131642	MRDNMSTL07T	SHBTNSMADSO	MM AF DT	111797	.0244*	14	6	20
AF139197	NMPHTNMA04T	NMPHTNCTDSO	77 AF DT	111797	.0532*	15	576	20
AF105249	NMPHTNMA04T	DYBGTHNMADSO	M- DF ET	111797	.0416*	10	48	20
AF138684	NMPHTNMA04T	HMBLTNMADSO	M- DF ET	111797	.0426*	10	48	20
								1 AOA1 +120 TRUNKS PENDING 12/12/97
								1 D111 43/48 BOT 11/13/97
								1 D111 38/48 BOT 11/13/97

\* EXCEEDS THRESHOLD OF 2%

BELLSOUTH CTTG BLOCKING REPORT - DETAILS  
 INCLUDES BELL AND NONBELL GROUPS FOR 12/97  
 GROUPS EXCEEDING MBT  
 PROCESS DATE: 01/09/98

TGSN	TANDEM	END OFFICE	DESCRPT	STUDY PERIOD	OBSV'D BLKG	VAL HR	NBR DAYS	RPTS	REMARKS
AC179270	NRGRGAMA01T	ATLNGATH78A	77 AF DT	121597	.0267*	11 408	19	1	AOA1 72 TRKS PEND 011398
AC184470	ATLNGABU01T	SMVRGAMA021	77 AF DT	121597	.1733*	09 60	17	2	AOA1 48 TRKS PEND 011398
AC175588	ATLNGABU01T	MRTTGAEAA97F	77 AF DT	121597	.0609*	21 430	18	2	AOA1 68 TRKS PEND 011398
AF122595	NUORLAMA0GT	JSGNLAMADSO	M- DF DD	121597	.0221*	06 12	20	1	D111 MAINTENANCE-12/15-CLEARED
AF122557	NUORLAMA0GT	LCHBLAMADSO	M- DF DD	121597	.0252*	09 12	20	1	D111 MAINTENANCE-12/17-CLEARED
AP074126	LFYTLAMA0GT	LFYTLAVMCGD	7- AF DD	121597	.0751*	20 552	20	2	D111 MAINTENANCE
AF125001	SHPTLAMA0GT	HVLLANADSO	M- DF ET	121597	.0298*	08 3	19	1	D111 MAINTENANCE-12/12-CLEARED
AF125441	GNWDMMSMA26T	PTCMN98LUDSO	M- DF ET	121597	.0394*	16 4	19	2	D111 MAINTENANCE PROBLEM
AF125375	JCSNNSCP36T	ENTRM98MADSO	M- DF ET	121597	.0288*	10 6	19	1	D1C1 CABLE FAILURE
AF125383	JCSNNSCP36T	SHBTM98MADSO	M- DF ET	121597	.0425*	20 4	19	2	D1C1 CABLE FAILURE
AF125761	MRDNMSTL07T	ENTRM98MADSO	77 AF DT	121597	.0300*	10 144	19	1	D1C1 CABLE FAILURE
AF131646	MRDNMSTL07T	ENTRM98MADSO	MM AF DT	121597	.0449*	10 6	19	1	D1C1 CABLE FAILURE
AC155877	RLGHNCNCH001T	RLGHNCNCSB25F	M- DF ET	121597	.0452*	12 13	18	1	D1K1 ABNORMAL LOAD ON 121197
AC115224	CHRLNCCAO5T	LNYNNNCMA73F	M- AF ET	121597	.0431*	14 23	18	1	D1I1 MAINTENANCE PROBLEM
AC144303	CHTNSECDT607	MNPLSCESBBF	NN AF DT	121597	.0236*	15 24	18	1	D111 MAINT. PROB
AF130622	MMPHTNMAB4T	MMPHTNLDSDO	77 AF DT	121597	.0243*	15 480	18	1	BDA1 +96 12/18/97
AF130197	MMPHTNMAB4T	MMPHTNCTOSO	77 AF DT	121597	.0634*	15 576	17	2	BDA1 +120 12/19/97
AF124545	NSVLTNW92T	NSVLTNSTOSO	77 AF DT	121597	.0436*	10 576	19	1	BDA1 +96 12/17/97 & +120 12/24/97
AF124583	MMPHTNMAB4T	NEONTNMADSO	M- DF ET	121597	.0322*	16 4	19	1	D111 3/4 BOT 12/2/97

\* EXCEEDS THRESHOLD OF 2%

BellSouth Telecommunications, Inc.  
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LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 06/97

	TOTAL												
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL W/o GA	
<b>TOTAL TRUNK GROUPS:</b>	396	1001	201	427	319	680	403	325	350	579	4679	3678	
<b>TRK GRPS MEAS/PROC:</b>	354	941	191	419	319	634	390	297	346	439	4330	3389	
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	8	18	5	12	4	8	5	26	26	6	118	100	
<b>PCT1</b>	2.3	1.9	2.6	2.9	1.3	1.3	1.3	8.8	7.5	1.4	2.7	3.0	

LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 07/97

	TOTAL												
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL W/o GA	
<b>TOTAL TRUNK GROUPS:</b>	396	1001	204	433	319	681	403	328	363	581	4707	3706	
<b>TRK GRPS MEAS/PROC:</b>	352	940	197	426	319	639	391	300	353	442	4359	3419	
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	6	25	0	11	3	5	7	4	5	6	72	47	
<b>PCT1</b>	1.7	2.7	.0	2.6	.9	.8	1.8	1.3	1.4	1.4	1.7	1.1	

LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 08/97

	TOTAL												
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL W/o GA	
<b>TOTAL TRUNK GROUPS:</b>	396	990	204	433	319	685	403	328	363	582	4701	3711	
<b>TRK GRPS MEAS/PROC:</b>	367	962	199	427	319	642	394	300	356	443	4389	3447	
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	10	31	2	8	4	6	7	9	13	6	96	65	
<b>PCT1</b>	2.7	3.3	1.0	1.9	1.3	.9	1.8	3.0	3.7	1.4	2.2	1.9	

**BellSouth Telecommunications, Inc.**  
**Exhibit WNS-13**  
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LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 09/97

	TOTAL											
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL w/o GA
<b>TOTAL TRUNK GROUPS:</b>	395	988	207	432	319	679	402	331	363	589	4705	3717
<b>TRK GRPS MEAS/PROC:</b>	370	965	201	427	319	639	397	303	358	451	4410	3465
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	8	39	4	9	1	13	17	9	18	13	131	92
<b>PCT1</b>	2.2	4.1	2.0	2.1	.3	2.0	4.3	3.0	5.0	2.9	3.0	2.7

LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 10/97

	TOTAL											
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL w/o GA
<b>TOTAL TRUNK GROUPS:</b>	388	1002	200	432	320	687	392	329	370	444	4564	3562
<b>TRK GRPS MEAS/PROC:</b>	364	944	198	429	320	647	389	326	364	443	4424	3480
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	15	70	1	12	4	8	11	8	18	14	161	91
<b>PCT1</b>	4.1	7.4	.5	2.8	1.2	1.2	2.8	2.5	4.9	3.2	3.6	2.6

LOCAL NETWORK TRUNK GROUP SERVICE REPORT SUMMARY  
MONTH: 11/97

	TOTAL											
	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL	TOTAL w/o GA
<b>TOTAL TRUNK GROUPS:</b>	388	1004	199	432	318	691	401	330	324	445	4532	3528
<b>TRK GRPS MEAS/PROC:</b>	378	946	198	429	317	652	393	327	323	445	4408	3462
<b>TOT GRPS &gt; 3% NC THIS REPORT:</b>	10	55	0	10	2	13	5	5	23	10	133	78
<b>PCT1</b>	2.6	5.8	.0	2.3	.6	2.0	1.3	1.5	7.1	2.2	3.0	2.3